

What is claimed is:

1. An industrial roll handling apparatus comprising:

a triangular truss body, having apertures therein;

a pair of attachment legs, for matingly engaging a machine capable of lifting and moving

5 objects, coupled to the triangular truss body;

a means for locking said attachment legs to said machine capable of lifting and moving

objects;

a pair of concealment plates, coupled to the triangular truss body, within the apertures thereof;

10 a pair of bearing casings contained within said pair of concealment plates;

an axle, said axle inserted through the apertures of the triangular truss body, such that said axle passes through the center of each bearing casing;

a collar attached to the end of the axle for keeping the axle in place;

15 an outer barrel, said outer barrel fixedly secured to the face of the triangular truss body, said outer barrel having a plurality of apertures cut through the edge of the outer circumference thereof;

an inner barrel within the outer barrel, such that said inner barrel is freely rotatable, said inner barrel having a plurality of apertures cut through the edge of the outer circumference thereof;

20 a plate coupled to the inner barrel, said plate having an aperture in the center thereof sized to fit the axle therethrough, said plate attached to the axle at said aperture such that when said plate is rotated, the axle and the inner barrel rotate therewith;

a pin, removably inserted through an aperture in the outer barrel and an aligned aperture in the inner barrel for keeping the inner barrel from turning; and,

a means for securing bulk material, said means coupled to the face of the plate.

2. The industrial roll handling apparatus of claim 1 wherein said means for securing bulk material is a strap and buckle mechanism wherein said strap is wrapped around the bulk material and then secured therearound by said buckle.

3. The industrial roll handling apparatus of claim 1 further having a handle mechanism attached to said means for securing bulk material, said handle mechanism is flipped over once the bulk material is initially secured, for further securing the bulk material in place.

4. An industrial roll handling apparatus comprising:

a triangular truss body, having apertures therein;

a pair of attachment legs, for matingly engaging a machine capable of lifting and moving objects, coupled to the triangular truss body;

a means for locking said attachment legs to said machine capable of lifting and moving objects;

a pair of concealment plates, coupled to the triangular truss body, within the apertures thereof;

a pair of bearing casings contained within said pair of concealment plates;

an axle, said axle inserted through the apertures of the triangular truss body, such that said axle passes through the center of each bearing casing;

a collar attached to the end of the axle for keeping the axle in place;

an outer barrel, said outer barrel fixedly secured to the face of the triangular truss body,

said outer barrel having a plurality of apertures cut through the edge of the outer circumference thereof;

an inner barrel within the outer barrel, such that said inner barrel is freely rotatable, said inner barrel having a plurality of apertures cut through the edge of the outer circumference thereof;

a plate coupled to the inner barrel, said plate having an aperture in the center thereof sized to fit the axle therethrough, said plate attached to the axle at said aperture such that when said plate is rotated, the axle and the inner barrel rotate therewith;

a pin, removably inserted through an aperture in the outer barrel and an aligned aperture in the inner barrel for keeping the inner barrel from turning;

four metal partitions hinged to the plate; and,

a means for securing bulk material, said means coupled to the four metal partitions.

5. The industrial roll handling apparatus of claim 4 wherein said means for securing bulk material is a strap and buckle mechanism wherein said strap is wrapped around the bulk material and then secured therearound by said buckle.

6. The industrial roll handling apparatus of claim 4 wherein the four metal partitions are curved.

7. The industrial roll handling apparatus of claim 4 further having a handle mechanism attached to said means for securing bulk material, said handle mechanism is flipped over once the bulk material is initially secured, for further securing the bulk material in place.